

To: Gorke, Roger[Gorke.Roger@epa.gov]
Cc: Kemmerer, John[KEMMERER.JOHN@EPA.GOV]
From: Vendlinski, Tim
Sent: Tue 11/10/2015 8:54:22 PM
Subject: RE: Groundwater Replenishment in the SJV [notes and references from our call]

This is fine with me, Roger, but I suggest also referencing the lower Kings River Basin (within the borderlands of Fresno & Kings County) as it has already been identified as a potential recharge zone and because there are numerous interested stakeholders in the area. It's OK if we take our NDRP-related focus off the City and County of Fresno, but we should stay focused on the southern county border and add-on the historic Tulare Lake Basin as a 2nd geographic priority. Years ago, amid all the post-SWANCC & Rappanos/Carabell regulatory confusion, we in the Wetlands Office did a rigorous study of the Tulare Basin hydrology, so that report plus what I sent you yesterday provides a wealth of scientific information about potential freshwater inputs to a Tulare Lake recharge zone.

From: Gorke, Roger
Sent: Tuesday, November 10, 2015 11:58 AM
To: Vendlinski, Tim <vendlinski.tim@epa.gov>
Cc: Kemmerer, John <KEMMERER.JOHN@EPA.GOV>
Subject: RE: Groundwater Replenishment in the SJV [notes and references from our call]

How's this for a start?

Ground water recharge

- Several (many) agencies are looking at groundwater recharge for a cost effective storage
- Agencies in the southern Central Valley are looking at the historic Tulare Lake as a viable option for such storage (see articles below)
- Ground water recharge of the scale at Tulare Lake (40,000 acres of lake yielding 250,000-500,000 acre feet) has the potential for added benefits beyond water storage e.g. migratory bird habitat, etc.
- EPA has an opportunity to work with our federal, state and local partners to assist in accomplishing this goal through the NDRP with a Regional Drought Resilience Partnership in

CA.

- Opportunities also exist to create innovative financing for this project (and potentially others) e.g. SRFs, Prop 1, private sector funding, etc.

Roger Gorke

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From: Vendlinski, Tim

Sent: Monday, November 09, 2015 4:55 PM

To: Gorke, Roger <Gorke.Roger@epa.gov>

Cc: Kemmerer, John <KEMMERER.JOHN@EPA.GOV>

Subject: Groundwater Replenishment in the SJV [notes and references from our call]

Tulare Basin Wildlife Partners – Hydrology of Tulare Basin

<http://www.tularebasinwildlifepartners.org/hydrology.html>

Tulare Basin Wildlife Partners – Watershed Connections page (includes link to Ag Innovations report for the Kings River)

<http://www.tularebasinwildlifepartners.org/watershed-connections.html>

Revive the San Joaquin – Using Tulare Lake for Water Storage

Bay Delta Program Manager

EPA Region 9

75 Hawthorne Street (WTR-1)

San Francisco, CA 94105-3901

(415) 972-3469 desk

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From: Gorke, Roger

Sent: Monday, November 09, 2015 9:57 AM

To: Vendlinski, Tim <vendlinski.tim@epa.gov>; Mitschele, Becky
<Mitschele.Becky@epa.gov>; Kemmerer, John <KEMMERER.JOHN@EPA.GOV>

Subject: Fresno Groundwater

Hey,

Is this the groundwater project that we have been discussing? Do we know folks at Semitropic water district?

<http://www.latimes.com/local/california/la-me-water-storage-20151109-story.html>

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